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PRIMARY KEY	COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E
1	DATA	DATA	DATA	DATA	DATA
2	DATA	DATA /	DATA	DATA	DATA
3	DATA	DATA	DATA	/ DATA/	DATA
4	DATA	DATA	DATA /	DATA /	DATA
5	DATA	DATA /	DATA /	ØATA	DATA
6	DATA	DATA	DATA	DATA/	DATA
7	DATA	DATA	DATA	/ DATA /	DATA
8	DATA	DATA /	DATA /	DAŢĀ	DATA
9	DATA	DATA	ØATA	DATA	DATA
10	DATA	DATA	DATA	/ DATA/	DATA
11	DATA	DATA/	DATA /	DATA /	DATA
12	DATA	DATA	DATA	DATA	DATA
		124			
		124			

FIG. 2A

154A		
		NTIONAL A DESCRIPTION
	PRIMARY KEY	COLUMN
	2	COLUMN B
	2	COLUMN C
RxC	2	COLUMN D
(3 x 10)	3	COLUMN B
	•••	
	11	COLUMN D

		3/1	0		_122
	•	125			122
PRIMARY KEY	COLLINANIA	COLUMN B	COLUMN C	COLUMN D	COLUMN E
1	DATA	DATA	DATA	DATA	DATA
2	DATA	ZATAQ X	X DATAX	X A TAG OF	DATA
3	DATA	DATA	DATA	SATAGE	DATA
4	DATA	DATA	DATA	BATAX	DATA
5	DATA	DATA	DATA	X DATAX	DATA
6	DATA	DATA	DATA	XDATA X	DATA
7	DATA	DATA /	DATA	PATA	DATA
8	DATA	DATA	DATA	DATA	DATA
9	DATA	DATA	DATA	VQATA	DATA
10	DATA	DATA /	DATA /	XXATA\	DATA
11	DATA	DATA /	DATA	DATAX	DATA
12	DATA	DATA	DATA	DATA	DATA
		1			
	1	24			127
		FIG	6. 2B		121

		154B	
		<i>f</i>	
	EDGE DE	FINITION	
	PRIMARY KEY	COLUMN	105
	2	COLUMN B	125
	2	COLUMN C	> EDGE 1
	2	COLUMN D] J
R + C	2	COLUMN D	127
(10+3)	3	COLUMN D	
	4	COLUMN D	EDGE 2
	•••]
	11	COLUMN D]]

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COLUMN E	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA
COLUMN D	DATA			XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	(\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	DATA	XXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXX	XXXXX	\times	XXXXX	DATA
COLUMN C	DATA	\times	/DATA/	/DXTX/	/DXTA/	DATA	/ DATA/	/DATA/	/ PATAD/	/DATA	/YXYQ/	/ DATA	DATA
COLUMN B'	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA
COLUMN B	DATA	XXXXXXX	/AXAQ/	/ATAQ/	/ DAJA /	DATA	/ DATA	/ DATAQ/	/ DATA/	/ DATA/	DATA	/DXTA/	DATA
COLUMN A	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA
PRIMARY KEY COLUMN A COLUMN B COLUMN B' COLUMN C COLUMN D COLUMN E	_	2	ဇ	4	5	5.5	9	7	8	6	10	11	12

FIG. 20

(CONTIGUOUS)	2,3,4,5,6,7,8,9,10,11	B,C,D
EDGE DEFINITION (CONTIGUOUS	PRIMARY KEY LIST	COLUMN LIST
154C	J	

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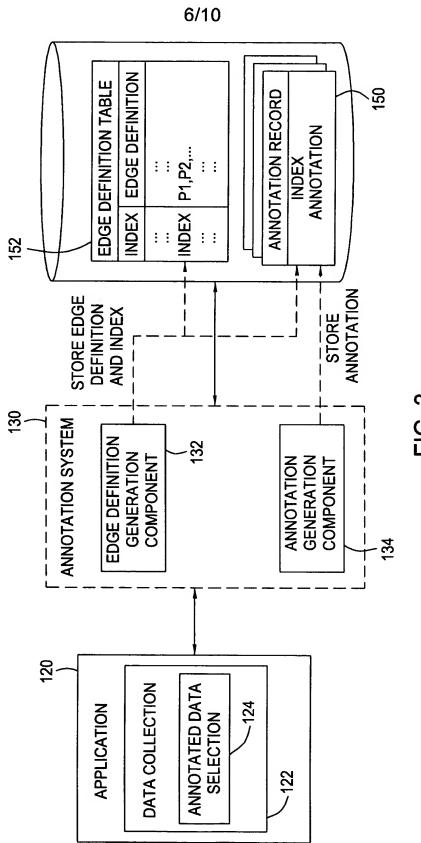
COLUMN G	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA
COLUMN F COLUMN G	DATA	XDATAX	X DATA	DATA	X PATAX	XDAKAX	XAAXA X	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	XXXXX	X DATA X	/ ATAGY	DATA
COLUMN E	DATA	XXXX	/ DATA/	/ DATA /	DATA)	XWXXX	/DATA/	() ATAC)	/PATAQ /	/DATA	DAJA /	DATA
COLUMN D	DATA	() DATIX	/ DATA/	/DATA/	DATA	DATA	DATA	X DATACX	MING	/DXTA/	/DATA/	DATA
COLUMN C	DATA	LOAXA	DATA	/ DXTA/	/ DATAD/	XIX	X TXC	X PAYAX	DATA	DATA/	/ DATA/	DATA
LUMN A COLUMN B COLUMN C COLUMN D COLUMN E	DATA	XXXXX	DATA	DATA	/ DATA	ANA	DATA	XDATA	DATA	DATA	/ DATA/	DATA
8	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA
PRIMARY KEY	-	2	3	4	2	9	7	8	6	10	11	12

FIG. 2D

	EDGE DEFINITION (DISCONTIGUOUS	ON (DISCONTIG	OOUS)	
	PARTITION 1	PARTITION 1 PARTITION 2 PARTITION 3 PARTITION 4	PARTITION 3	PARTITION 4
PRIMARY KEY LIST	2,3,4,5	2'9	6,7	8,9,10,11
COLUMN LIST	B,C,D,E,F	B,C	E,F	B,C,D,E,F

154D

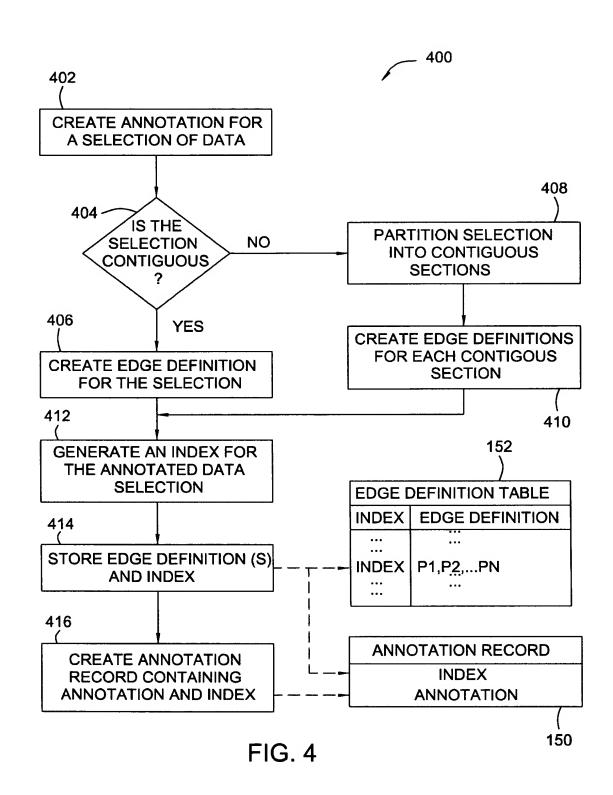
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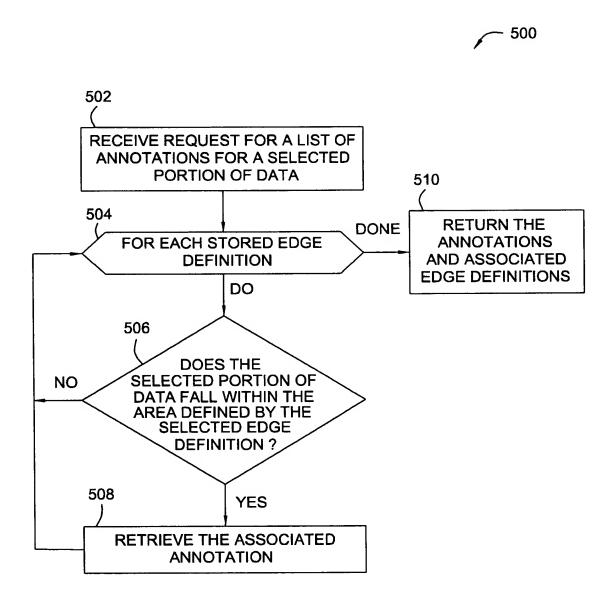


FIG. 5

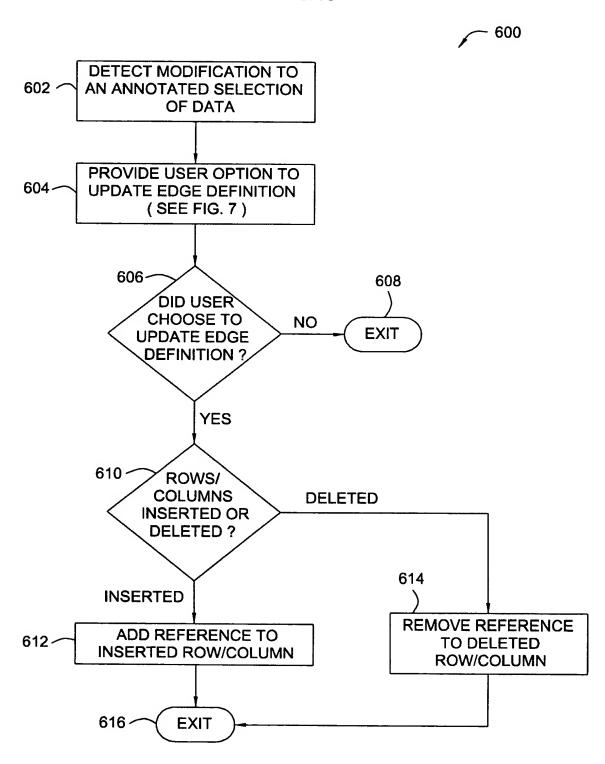


FIG. 6

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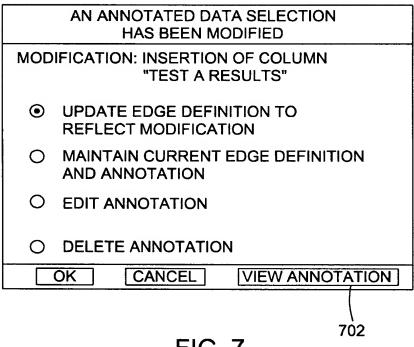


FIG. 7